

## **ABSTRACT**

A safety headlight with a battery power monitor is provided. The headlight includes one primary light bulb and at least one LED bulb. When the battery power begins to fade so that the primary bulb is in danger of going out, a sensor in the headlight switches power to the LED

- 5 bulb(s) to provide safety lighting so that the headlight user can be seen by others. The safety headlight is typically used by cyclists riding before sunrise or after sunset. The headlight permits the cyclists to see the road surface and provides notice to other motorists of the cycle's presence.